

PCT REQUEST

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| 0 | For receiving Office use only | |
| 0-1 | International Application No. | |
| 0-2 | International Filing Date | |
| 0-3 | Name of receiving Office and "PCT International Application" | |
| 0-4 | Form PCT/RO/101 PCT Request | |
| 0-4-1 | Prepared Using | PCT-SAFE [EASY mode] Version 3.50 (Build 0002.169) |
| 0-5 | Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty | |
| 0-6 | Receiving Office (specified by the applicant) | United States Patent and Trademark Office (USPTO) (RO/US) |
| 0-7 | Applicant's or agent's file reference | SOLAICX 004 |
| I | Title of Invention | SYSTEM FOR CONTINUOUS GROWING OF MONOCRYSTALLINE SILICON |
| II | Applicant | |
| II-1 | This person is | applicant only |
| II-2 | Applicant for | all designated States except US |
| II-4 | Name | SOLAICX, INC. |
| II-5 | Address | Solaicx, Inc. 5102 Calle del Sol Santa Clara, CA 95054, CA 95054 United States of America |
| II-6 | State of nationality | US |
| II-7 | State of residence | US |
| II-8 | Telephone No. | 408 988-5000 |
| II-9 | Facsimile No. | 408 492-9880 |
| III-1 | Applicant and/or inventor | |
| III-1-1 | This person is | inventor only |
| III-1-4 | Name (LAST, First) | BENDER, David L. |
| III-1-5 | Address | 2212 Rustic Park Court Thousand Oaks, CA 91362 United States of America |

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| IV-1 | Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: | agent | |
| IV-1-1 | Name (LAST, First) | HETHERINGTON, Michael | |
| IV-1-2 | Address | Mr. Michael Hetherington P. O. Box 61047 Palo Alto, CA 94306 United States of America | |
| IV-1-3 | Telephone No. | 650 533 6936 | |
| IV-1-4 | Facsimile No. | 659 851 3684 | |
| IV-1-5 | e-mail | mhetherington@msn.com | |
| IV-1-6 | Agent's registration No. | 32,357 | |
| V | DESIGNATIONS | | |
| V-1 | The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. | | |
| VI-1 | Priority claim of earlier national application | | |
| VI-1-1 | Filing date | 27 February 2004 (27.02.2004) | |
| VI-1-2 | Number | 10/789,638 | |
| VI-1-3 | Country | US | |
| VII-1 | International Searching Authority Chosen | European Patent Office (EPO) (ISA/EP) | |
| VIII | Declarations | Number of declarations | |
| VIII-1 | Declaration as to the identity of the inventor | - | |
| VIII-2 | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent | 1 | |
| VIII-3 | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | - | |
| VIII-4 | Declaration of inventorship (only for the purposes of the designation of the United States of America) | - | |
| VIII-5 | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty | - | |

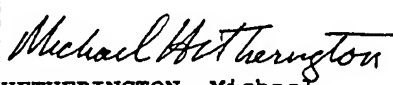

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| VIII-2-1 | Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)). In a case where the declaration under Rule 4.17(iv) is not appropriate: Name (LAST, First) | in relation to this international application SOLAICX, INC. is entitled to apply for and be granted a patent by virtue of the following: |
| VIII-2-1(i) | | SOLAICX, INC. is entitled as employer of the inventor, BENDER, David L. |
| VIII-2-1(x) | This declaration is made for the purposes of: | all designations except the designation of the United States of America |

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| IX | Check list | number of sheets | electronic file(s) attached |
|-------|--|--|-----------------------------|
| IX-1 | Request (including declaration sheets) | 4 | ✓ |
| IX-2 | Description | 19 | - |
| IX-3 | Claims | 7 | - |
| IX-4 | Abstract | 1 | ✓ |
| IX-5 | Drawings | 9 | - |
| IX-7 | TOTAL | 40 | |
| | Accompanying items | paper document(s) attached | electronic file(s) attached |
| IX-8 | Fee calculation sheet | ✓ | - |
| IX-17 | PCT-SAFE physical media | - | ✓ |
| IX-19 | Figure of the drawings which should accompany the abstract | 2 | |
| IX-20 | Language of filing of the international application | English | |
| X-1 | Signature of applicant, agent or common representative |  HETHERINGTON, Michael | |
| X-1-1 | Name (LAST, First) | | |
| X-1-2 | Name of signatory | | |
| X-1-3 | Capacity | | |
| X-2 | Signature of applicant, agent or common representative |  | |
| X-2-1 | Name (LAST, First) | | |
| X-2-2 | Name of signatory | | |
| X-2-3 | Capacity | | |

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| 10-1 | Date of actual receipt of the purported international application | |
| 10-2 | Drawings: | |
| 10-2-1 | Received | |
| 10-2-2 | Not received | |
| 10-3 | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application | |
| 10-4 | Date of timely receipt of the required corrections under PCT Article 11(2) | |
| 10-5 | international Searching Authority | ISA/EP |
| 10-6 | Transmittal of search copy delayed until search fee is paid | |

SOLAICX 004

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| 11-1 | Date of receipt of the record copy by the International Bureau | |
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